

myTripsPage

My Trips Page This document aims to define the functionality and structure required to develop a "My Trips" Page in a web application. The "My Trips" Page allows users to view, manage, and access details of their past and upcoming trips.

Overview ■ The "My Trips" Page serves as a centralized platform for users to access information about their travel history, including details of past trips, upcoming reservations, itineraries, and related information.

Components ■ The "My Trips" Page will consist of the following components:

- TripListDisplayComponent** ■ Displays a list of past and upcoming trips in a tabular or list format. Includes trip details such as destination, date, itinerary, booking status, and options for managing trips.
- TripDetailsComponent** ■ Shows detailed information about a selected trip when clicked from the trip list. Includes specific trip itinerary, booking details, reservations, and related information.
- SearchTripsComponent** ■ Provides a search bar allowing users to search for specific trips by destination, date, or booking reference.
- MyTripsPageComponent** ■ Acts as the main container, rendering **TripListDisplayComponent**, **TripDetailsComponent**, **SearchTripsComponent**, and other relevant components. Manages the layout, interactions, and data flow within the "My Trips" Page.

Functionality:

- **Display Trip History** ■ Presents a list of past and upcoming trips for users to browse and review.
- **View Trip Details** ■ Allows users to click on a specific trip to view detailed information, including itinerary, booking details, reservations, and related information.
- **Search Functionality** ■ Provides a search bar allowing users to search for specific trips based on destination, date, or booking reference. Filters and displays relevant trips based on the search query.

Testing: ■ Conducts unit tests for each component and functionality. Ensures accurate display and functionality of trip lists, individual trip details, and search features. Verifies smooth navigation and responsiveness of the "My Trips" Page.

Future Enhancements: ■ Introduce filters for categorization of trips (e.g., by type, duration, or status). Implement integration with maps or location services for visual representation of trip destinations. Include options for sharing or exporting trip details.

Conclusion: ■ The "My Trips" Page provides users with a convenient and organized way to manage and access information about their travel history, enhancing their travel experience within the application.